

41950

Bill To: FORTACERO S.A. DE C.V.  
BLVD CARLOS SALINAS DE GORTAR  
KM 8.8 APODACA 66600  
Ship To: 6 FORTACERO  
14701 ATLANTA DR LAREDO  
78045

Order Date: 09/01/2011  
PO No: 4500082280  
Mill Order No: 3926080  
Load No: 1402020  
Manifest No: 2096058

CERTIFIED MATERIAL TEST REPORT  
GERDAU AMERISTEEL  
Midlothian Mill  
300 Ward Road  
Midlothian, TX 76065  
(972) 775-8241

SIZE: W 4 X 13# / W100 X 19.3  
GRADE: 992/572-50  
LENGTH: 40 FT / 12.192 M  
PRODUCT: WF BEAMS  
SPECIFICATIONS: ASTM A6-09, A992-06a, A572-07

HEAT NO: 22611710

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.97	.024	.022	.25	.38	.09	.16	.028	.007	.002	.003	.019	.3

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test	ROA
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length	Dia. Result	%
52.5	362.0	71.6	493.7	0.191	1.23	23.8	8 In 200 mm		
53.3	367.5	72.3	498.5	0.190	1.23	23.9	8 In 200 mm		

TENSILE TEST RATIOS

YLD/TENS	TENS/YLD	YLD/TENS	TENS/YLD
.73	1.36	.74	1.36

All manufacturing processes of this product, including electric arc MELTING and continuous CASTING, occurred in the U.S.A. CMTR complies with EN 10204 3.1

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Oct. 04, 2011  
Tom L. Harrington: Quality Assurance Manager

Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
Notary Public (if applicable)